(REV.			ARK OFFICE; U.S. DEPARTMENT OF COMMERCE	ATTORNEY'S DOCKET NUMBER							
	TR	ANSMITTAL LETTER	03100324 AA								
	- 1	DESIGNATED/ELECTE	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)								
(201	ICERNING A SUBMISS	unknown								
INTE		IONAL APPLICATION NO.	PRIORITY DATE CLAIMED								
7171		CT/DE2005/000539	22 March 2005	March 26, 2004							
		NVENTION AND DEVICE FOR DETECTI	NG A DYE BOLUS INJECTED INTO TH	IE BODY OF A LIVING BEING							
MILLI	HOL	AND DEVICE FOR DETECT	NG A DIE BOLUS INJECTED INTO TH	RE BODY OF A LIVING BEING							
A DDI	ICAN	T(S) FOR DO/EO/US									
			iner MACDONALD, Jens STEINBRINK,	Hellmuth ORRIG							
		,		Manual Opido							
Applie	cant h	erewith submits to the United State	s Designated/Elected Office (DO/EO/US) the	following items and other information:							
1.	×		- '	· ·							
1. 2.			ms concerning a submission under 35 U.S.C.								
	×	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
3.	Δ	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.									
4.	\boxtimes	The US has been elected (Article	31).								
5.	\boxtimes	A copy of the International Applic	ation as filed (35 U.S.C. 371 (c)(2))								
			ired only if not communicated by the Internati	ional Bureau).							
			d by the International Bureau.	, ,							
		c. is not required, as the a	pplication was filed in the United States Recei	ving Office (RO/US).							
6.	×		of the International Application as filed (35 U.S	- , ,							
		a. X is attached hereto.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
		b. has been previously submitted under 35 U.S.C. 154(d)(4).									
7.				3/35 U.S.C. 371 (c)(3))							
		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. are attached hereto (required only if not communicated by the International Bureau).									
		b. □ have been communicated by the International Bureau.									
		c. have not been made; however, the time limit for making such amendments has NOT expired.									
		d. have not been made, nowever, the time limit to making such amendments has NOT expired.									
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).									
9.	×	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).									
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).									
11.		A copy of the International Prelim	inary Examination Report (PCT/IPEA/409).								
12.	×	A copy of the International Search	Report (PCT/ISA/210).								
lt	ems 1	3 to 23 below concern documen	t(s) or information included:								
13.	\boxtimes		nent under 37 CFR 1.97 and 1.98.								
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.									
15.	\boxtimes	A FIRST preliminary amendment.									
16.		A SECOND or SUBSEQUENT preliminary amendment.									
17.		A substitute specification.									
18.		A power of attorney and/or chang	e of address letter.								
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13/er.2 and 37 CFR 1.821 - 1.825.									
20.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).									
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).									
22.		Express Mail Label No.	y and the months of the months of the price								

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
U.S. APPLICATION NO (if Innown, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.

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Independent claims 2	U.S. APPLICATION	ON NO (if known, see	37 CFR 1.5)	INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER	
The following fees have been submitted: 24. Search and search (27 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IFEA/US indicates all claims satisfy provisions of PCT Article All other situations 25. Search fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the International preliminary examination report by IFEA/US indicates all claims satisfy provisions of PCT Article All other situation of the ISA/US or the International preliminary examination report by IFEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). 26. Search fee (37 CFR 1.452(p)) In the written opinion of the ISA/US or the International preliminary examination report by IFEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). 27. Search fee (37 CFR 1.445(q)(2)) In the written opinion of the ISA/US or the International preliminary examination report by IFEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). 28. Search fee (37 CFR 1.445(q)(2)) In the written opinion of the ISA/US or ISA/US o		PCT/DE2	PCT/DE2005/000539			4 AA		
24. El Basic national fee	23. Other ite							
If the written opinion prepared by ISA/US or the international preliminary examination report prepared to PEA/US indicates all claims satisfy provisions of PCT Article 3(0) 200 all other situations. \$200 all other situations \$200 all other situations. \$200 all other situations \$200 all other situations. \$200 all other situations all other situations all other situations all other situations. \$200 all other situations all other situations all other situations. \$200 all other situations all other s	24. Basic n	ational fee				\$300		
If the written opinion the ISAUS or the International preliminary examination report by IPEAUS indicates all claims sails fy provisions of PCT Articles 3(1)-(4). \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB	If the written opin prepared by IPEA	ion prepared by IS VUS indicates all	A/US or the laims satisfy	provisions of PCT Ar	ticle	\$0	\$ \$200.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence) listing in compliance with 37 CFR 1.32(10) of 90 roc computer program specified in the paper over 100 sheets (excluding sequence) listing in an electric medium) (37 CFR 1.492(f)). Total Sheets Extra Sheets Number of each additional 50 sheets of paper or fraction thereof.	If the written opin by IPEA/US Search fee (37 C as an Inten International Sea previously of All other situation	ionof the ISA/US of indicates all claims FR 1.445(a)(2)) ha national Searching rich Report preparations and the indicated to the search search from the indicated to the indicat	tion to the \$100 rided to the \$400					
Total Sheets	TOTAL	L OF 24, 25 and	26 =				\$ \$900.00	
Total claims Tota						eets (excluding er program eof.		
Sucharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). S	Total Sheets							
Applicant claims 16 - 20 = 0 x \$50.00							s \$0.00	
Total claims 16 - 20 = 0	Surcharge of \$13 declaration after t	0.00 for furnishing he date of comme	any of the se	earch fee, examination he national stage (37	fee, CFR	or the oath or 1.492(h)).	s \$130.00	
Independent claims 2	CLAIMS	NUMBER F	ILED I	NUMBER EXTRA		RATE		
MULTIPLE DEPENDENT CLAIMS (if applicable)	Total claims	16	- 20 =	0	x	\$50.00	\$ \$0.00	
TOTAL OF ABOVE CALCULATIONS = \$ \$1,030.00 Applicant claims small entity status. See 37 CPR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$ \$1,030.00 SUBTOTAL = \$ \$1,030.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CPR 1.492(0)). TOTAL NATIONAL FEE = \$ \$1,030.00 Substituting the enclosed assignment (37 CPR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CPR 3.28, 3.31). \$40 per property TOTAL FEES ENCLOSED = \$ \$1,030.00 Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ndependent clain	ns 2	- 3=	0	x	\$200.00	\$ \$0.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. SUBTOTAL = \$ \$1,030.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.42(0)). TOTAL NATIONAL FEE = \$ \$1,030.00 TOTAL NATIONAL FEE = \$ \$1,030.00 TOTAL State Property + \$ \$0.00 TOTAL FEES ENCLOSED = \$ \$1,030.00 Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	MULTIPLE DEPE	NDENT CLAIMS	(if applicable)		+	\$360.00	\$ \$0.00	
1/2. SUBTOTAL = S \$ \$0.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from \$ \$ \$0.00 TOTAL NATIONAL FEE = S \$ \$1,030.00 TOTAL NATIONAL FEE = S \$ \$1,030.00 Solution			\$ \$1,030.00					
Processing fee of \$130,00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(p)). TOTAL NATIONAL FEE = \$ \$1,030,00 \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 pcr property + TOTAL FEES ENCLOSED = \$ \$1,030,00 \$ Amount to be \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Applicant cla 1/2.	ims small entity st	reduced by	s \$0.00				
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accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00 \$ \$ \$1,030.00 \$ \$ \$ \$1,030.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			S \$1,030.00					
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U.S. Patent and Taxon Kollection Act of 1995, no persons are required to respond to a collection of information United the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless of displays a valid Octor number. to cover the above fees is enclosed. a. A check in the amount of \$ b. N Please charge my Deposit Account No. 50-2041 in the amount of \$ \$1,030.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. 🛛 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2041 . A duplicate copy of this sheet is enclosed. information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: - eleps Whitham, Curtis, Christofferson & Cook, P.C. SIGNATURE 11491 Sunset Hills Road, suite 340 Reston, VA 20190 Olga V. Merkoulova Phone: 703-787-9400 NAME FAX: 703-787-7557 Customer No.: 30743 48,757 REGISTRATION NUMBER September 25, 2006 DATE